SPEC CINT95rate Results

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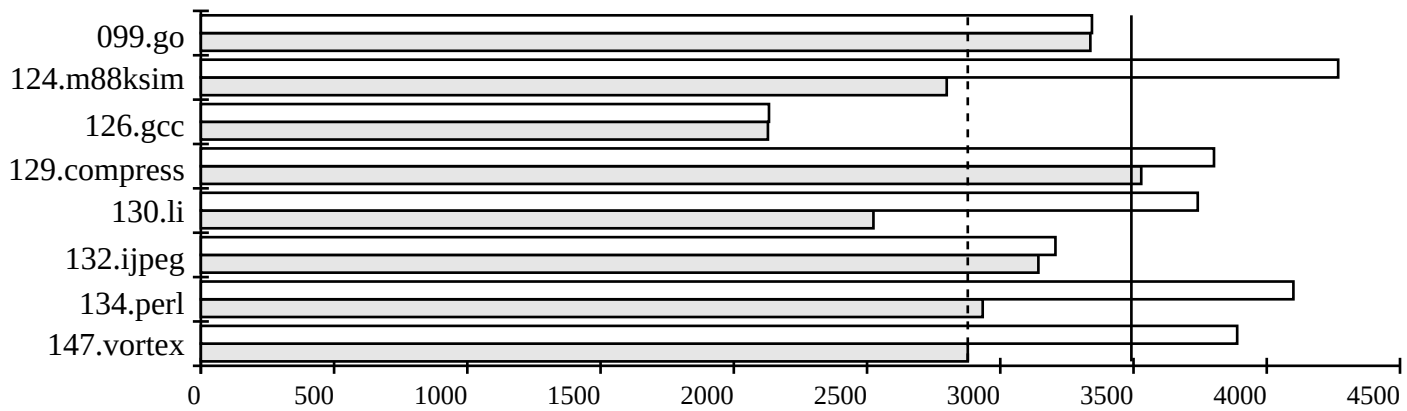
Sun Microsystems
Sun Enterprise 6500

SPECint_rate95 = 3492

SPECint_rate_base95 = 2878

SPEC license # 6	Tested By: Sun, Palo Alto	Test Date: Mar-99	Hardware Avail: May-99	Software Avail: Mar-99



Hardware/Software Configuration for:
Sun Enterprise 6500

Hardware

Model Name:	Sun Enterprise 6500
CPU:	400MHz UltraSPARC II
FPU:	Integrated
Number of CPU(s):	24
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	8MB(I+D) off chip per CPU
Other Cache:	None
Memory:	18GB
Disk Subsystem:	6 x 4GB
Other Hardware:	FastEthernet

Software

Operating System:	Solaris7_64bit
Compiler:	Sun C 5.0
File System:	UFS
System State:	Multi-User
Kernel Extensions:	

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	24	298	3338	24	297	3344
124.m88ksim	24	147	2799	24	96	4268
126.gcc	24	173	2128	24	172	2132
129.compress	24	110	3529	24	102	3802
130.li	24	163	2524	24	110	3741
132.ijpeg	24	165	3143	24	162	3207
134.perl	24	140	2934	24	100	4100
147.vortex	24	203	2878	24	150	3889
SPECint_rate_base95 (G. Mean)			2878			
SPECint_rate95 (G. Mean)						3492

Notes/Tuning Information

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Baseline: -fast -xO5 -xarch=v8plusa -xprofile=use
099.go: -fast -xO4 -xarch=v8plus -xrestrict -xcrossfile -W2,-O4+ansi_alias+bopt -xprofile=use
124.m88ksim: -fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile -xrestrict
124 cont: -W2,-O4+cond_elim+pde,-Mt9000 -Wc,-Qiselect-sw_pf_tbl_th=20 -xprofile=use
126.gcc: -fast -xO4 -xarch=v8plus -W2,-O4+ansi_alias+cond_elim -xprofile=use
129.compress: -fast -xO4 -W2,-O4+ansi_alias+pde -xarch=v8plus -xprofile=use
130.li: PASS1=-fast -xO4 -xarch=v8plus -xcrossfile -xprofile=collect
130.li: PASS2=-fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile
130.li: PASS2 cont: -W2,-O4+ansi_alias+cond_elim+pde,-Mt350,-whole,-crit -xprofile=use
132.ijpeg: -fast -xO5 -xsafe=mem -xarch=v8plus -W2,-O4+ansi_alias+cond_elim -xprofile=use
134.perl: -fast -xO4 -xarch=v8plusa -xchip=ultra -xcrossfile -W2,-Mp1,-ANSI_S,-O4+cond_elim
134 cont: Wc,-Qiselect-sw_pf_tbl_th=30 -xprofile=use -lfast
147.vortex: PASS1=-fast -xO4 -xarch=v8plus -xcrossfile -xprofile=collect
147.vortex: PASS2=-fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile -xprofile=use
147.vortex: PASS2 cont: -W2,-O4+cond_elim,-Mt500,-Mr6000,crit
Portability: 124.m88ksim, 132.ijpeg: -DSYSV -Xc, 126.gcc: -Dalloca=__builtin_alloca -Xc
others: -Xc
Shell limits: # ulimit -n 1024  or % limit descriptors 1024
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